<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Registration Form</title>

<style>

body {

font-family: Arial, sans-serif;

}

.container {

max-width: 400px;

margin: 0 auto;

padding: 20px;

}

label {

display: block;

margin-bottom: 10px;

}

input {

width: 100%;

padding: 10px;

margin-bottom: 20px;

border: 1px solid #ccc;

border-radius: 5px;

}

.error-message {

color: red;

}

</style>

</head>

<body>

<div class="container">

<h2>Registration Form</h2>

<form id="registrationForm">

<label for="username">Username</label>

<input type="text" id="username" name="username" required>

<div class="error-message" id="usernameError"></div>

<label for="email">Email</label>

<input type="email" id="email" name="email" required>

<div class="error-message" id="emailError"></div>

<label for="password">Password</label>

<input type="password" id="password" name="password" required>

<div class="error-message" id="passwordError"></div>

<label for="confirmPassword">Confirm Password</label>

<input type="password" id="confirmPassword" name="confirmPassword" required>

<div class="error-message" id="confirmPasswordError"></div>

<input type="submit" value="Register">

</form>

</div>

<script>

const form = document.getElementById('registrationForm');

form.addEventListener('submit', function (event) {

event.preventDefault();

const username = document.getElementById('username');

const email = document.getElementById('email');

const password = document.getElementById('password');

const confirmPassword = document.getElementById('confirmPassword');

const usernameError = document.getElementById('usernameError');

const emailError = document.getElementById('emailError');

const passwordError = document.getElementById('passwordError');

const confirmPasswordError = document.getElementById('confirmPasswordError');

// Reset error messages

usernameError.textContent = '';

emailError.textContent = '';

passwordError.textContent = '';

confirmPasswordError.textContent = '';

// Validation

if (username.value.length < 3) {

usernameError.textContent = 'Username must be at least 3 characters long.';

return;

}

if (!email.value.match(/^[\w-]+(\.[\w-]+)\*@([\w-]+\.)+[a-zA-Z]{2,7}$/)) {

emailError.textContent = 'Invalid email address.';

return;

}

if (password.value.length < 6) {

passwordError.textContent = 'Password must be at least 6 characters long.';

return;

}

if (password.value !== confirmPassword.value) {

confirmPasswordError.textContent = 'Passwords do not match.';

return;

}

// If all validation passes, you can submit the form to the server or take further actions.

// For this example, we'll just log a success message.

console.log('Registration Successful!');

});

</script>

</body>

</html>